Import of Micro-electronic chip technology

570. SHRI R. SATYANARAYAN RE DDY: will the Minister of COMMUNI CATIONS be pleased *to* state:

(a) whether the Indian Telephone Industries (ITI), Bangalore has sought transfer Of know-how of micro-electronic chip technology from an American company of California; and

(b) if so, what are the details thereof: the details of investment approved towards the project and also the details of amount that would be used towards imports?

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS (SHRI GIRIDHAR GOMANGO): (a) and (b) Indian Telephone Industries Limited (ITI) has entered into an agreement with M/s VLSI and Arcus Technology Inc., California for transfer of technology for design and fabrication of Complementary Metal Oxide Semiconductor (CMOS) Application Specific Integrated Circuits (ASIC) The investment for the first phase of the project is Rs. 19, 52. 56 lakhs having foreign exchange component of Rs. 1378. 79 lakhs (CIF). In this phase, the gate array process know-how will be transferred for manufacture of ASIC's from processed wafers.

Reormmg of public sector management

571. SHRI MUKHTIAR SINGH MALIK: Will the Minister of INDUST RY be pleased to state:

(a) whether there is any proposal under Government's consideration for bringing about reforms in the public sector management with a view to increasing efficiency;

(b) if so, what are the details thereof; and

(c) by when action is likely to be initiated in this regard?

- THE MINISTER OF INDUSTRY (SHRI J. VENGAL RAO): (a) to (c) Government is shortly bringing before Parliament a White Paper on Public Sector which will discuss various proposals for bringing about reforms in the public sector management with a view to increasing efficiency.

Power shortage in Delhi

572. SHRI BHAGATRAM MANHAR:
SHRI BIR BHADRA PRATAP SINGH:
SHRI MUKHTIAR SINIGH MALIK:

Will the Minister of ENERGY be pleased to state:

(a) whether it is a fact there has been an acute shortage of power in Delhi during the past few months;

(b) if so, what are the reasons therefor;

(c) whether it is also a fact that DESU has been sending SOS to his Ministry for allocation of more hydroelectric power to Delhi in order to ease the crisis in Delhi; and

(d) if so, what action has been taken by his Ministry on the request of DESU?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRI KALP-NATH RAI): (a) and (b) The power supply position in Delhi has been by and large satisfactory Shortages which have been marginal, have been mainly on account of unforeseen outages of some of the generating units and constraints of the transmission system especially on account of heavy agricultural pumping load due to the drought conditions.

(c) and (d) The Delhi Electric Supply Undertaking has asked for additional power from the Bhakra Beas Management Board. The power requirements of Delhi are being met from the Northern Region including the Bhakra Beas Management Board System. During 1987-88, an assistance of 1734 million units was

made available to Delhi from the Northern Region, including the Bhakra Beas Management Board System.

Loss to ONGC in a purchase deal of office space in Bombay

573. SHRI DHULESHWAR MEENA:
SHRI BIR BHADRA PRATAP SINGH:

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether it is a fact that the Central Bureau of Investigation has recommended to the ONGC for taking action against some senior officers of the Corporation in a case relating to the purchase of office space in Maker Tower$_s$ at Nariman Point, Bombay;

(b) if so, what are the details in this regard; and

(c) what is the estimated loss to the ONGC on this account and what action ha$_s$ been or is being taken against the erring officials?

THE MINISTER OF STATE OF THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI BRAHM DUTT): (a) Yes Sir.

(b) and (c) The Central Bureau of Investigation in their report recommended major penalty against four officers involved in the case. Chairman. ONGC constituted a Board of Enquiry to independently examine whether, *prima-facie* action as recommended by CBI" was called for. The Board of Enquiry has recommended that no *prima-facie* case was made out against any of the officers However, it recommended further departmental investigations in the case of one of the officers involved. The Commission has agreed with the recommendations of the Board of Enquiry. The Commission's decision has been communicated to the CBI.

Shortfall in crude oil production

574. SHRI DHULESHWAR MEENA:
SHRI BIR BHADRA PRATAP SINGH:

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether it is a fact that crude oil production in the country is likely to fall short of the target in the terminal year of the Seventh Five Year Plan;

(b) if so, what are the details in this regard and what are the reasons therefor; and

(c) what is the estimated annual production of crude oil during the next two years and whether the demand would be more as compared to the production target and if so, what is the estimated imports of crude oil during the next two years alongwith the foreign exchange amount to be spent on such imports?

THE MINISTER OF STATE OF THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI BRAHM DUTT): (a) and (b) The target for production of crude oil in the terminal year of the Seventh Plan is expected to be met.

(c) The currently estimated annual crude production during 1988-89 and 1989-90 is 32. 18 and 34. 53 million tonnes respectively. The demand for petroleum products will be more than what is produced in the country and the gap will be covered through imports The total import of crude oil during 1988-89 is expected to be 18. 06 million tonnes. The foreign exchange cost of this import would depend upon market conditions which keep on fluctuating The quantity to be imported during 1989-90 is yet to be finalised.

Possibility of Power Shortage in Northern region by the end of Seventh Plan period

575. SHRI SURESH PACHOURI: Will the Minister of ENERGY be pleased to state:

(a) whether it is a fact that the Northern region of the country will suffer a